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(54) **FUNCTIONALIZED SORBENT FOR
CHEMICAL SEPARATIONS AND
SEQUENTIAL FORMING PROCESS**

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See application file for complete search history.

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(57) **ABSTRACT**

A highly functionalized sorbent and sequential process for
making are disclosed. The sorbent includes organic short-
length amino silanes and organic oligomeric polyfunctional
amino silanes that are dispersed within pores of a porous
support that form a 3-dimensional structure containing highly
functionalized active binding sites for sorption of analytes.

21 Claims, 5 Drawing Sheets

